ABSTRACT OF THE DISKLOSURE

Without waiting for the rotational speed of an optical disk reaches a rotational speed (Vb) for a reproduction process, a cutoff frequency (Fca) of an RF signal and a boost amount (Bt) for an equalizer circuit are detected, and, with using the rotational speed (Va) of the optical disk at this detection, the cutoff frequency (Fc) by which jitter of the RF signal is optimized when the optical disk is rotated at the rotational speed (Vb) for the reproduction process is calculated by the equation of Fc = Fca + k(Vb − Va), and then set. Therefore, the time between the timing when the user conducts an input operation for starting reproduction, and that when reproduction is actually started can be shortened, and the usability can be improved.